

Electric-component mounting apparatus and electric-component mounting method

Patent number: EP1032251
Publication date: 2000-08-30
Inventor: IMAI MITSUO (JP); KODAMA JIRO (JP); YORIKI MINORU (JP); YASUDA KIMIHIKO (JP)
Applicant: FUJI MACHINE MFG (JP)
Classification:
- **international:** H05K13/04
- **european:** H05K13/08; H05K13/04A2; H05K13/04E
Application number: EP20000301229 20000216
Priority number(s): JP19990046602 19990224

Also published as:

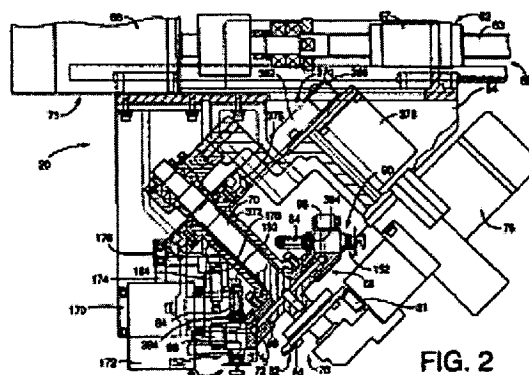
US6640431 (B1)
JP2000244193 (A)
EP1032251 (A3)

Cited documents:

JP5235596
EP0851728
JP10163689

Abstract of EP1032251

An apparatus (20, 22) for moving at least one suction nozzle (90) holding, by suction, an electric component (92), and mounting, on a circuit substrate (32), the component held by the nozzle, the apparatus including a nozzle-defect detecting device (78, 396; 460; 470; 490) which detects a defect of the suction nozzle, and a nozzle exchanging device (62, 64, 170, 200, 190, 192, 152, 280, 312) which automatically exchanges the defective suction nozzle having the detected defect, with a normal suction nozzle (90).



Data supplied from the esp@cenet database - Worldwide